## Results of the European Circuit Race for Airships

of 1.081 miles are as follows:

Monoplane, Bierlot, Monoplane, Bierlot, -Garros Monoplane Deperdussin 3-Vidart -Vedrines. -- Thert. 6-Kimmerling. -Renaux Biplane, Maurice Farman 110 44 It should be noted that the time for

the official start at Utrecht was 4 A. M. but no aviator started until 2 P. M. of the following day, when Beaumont led the way. Thus Beaumont lost thirtyfour hours and his competitors lost more Beaumont's actual flying time is therefore reduced to twenty-four hours, an average of almost forty-five miles an ho r for the whole distance. Several stages were covered at the rate of sixty-two and a half miles an hour.

The circuit distinctly proved itself a test of regularity rather than of speed. for it was the slow muchines that came out best. At Vincennes forty-one aeroplanes started; eighteen arrived at Liège. seventeen at Spa, fourteen at Utrecht, twelve at Brussels, ten at Roubaix, ten at Calias, ten at London, nine at Calais and nine returned to Paris. Thus twentythree were eliminated in the first 180 miles and nine in the last 340 miles.

No serious accident occurred after the first day, which was marked by three

airship race of the European circuit to King Alfonso after his successful "I consider that it marks a great step flight to Madrid, but he managed to forward in aviation, but as regards the assure the King that he would be at his pilet only." Lieut. Beaumont replied. service as an aviator if ever Spain was. "These long tests are excellent for the



meed of praise, but the work of the "me-

Pilots, constructors and organizers

of the recent race have received their

motors will be on the market greatly day in the workshops is rushed through that in twenty days I may be able to get up, superior to anything we have now. In an hour or two. When Vedrines How quickly I shall make for Para reached Amiens the other day and one Not that I am badly looked after of his engine cylinders broke off his ap- shall feel more at ease at lary les ! paratus landed with a crash that reduced neaux or Chantilly and be more handy to it to scrapwood. The mechanics learned start training for the Grand Frix of the that another Morane aeroplane had reached the station. Off they went in an automobile to get it. The aeroplane had automobile to get it. The aeroplane had some details on my fall? The sem. not been set up, having been reduced ple. I was flying between 2.500 and 200 to its simplest state to travel. In an feet high in a terrible mist, seeing state or hour and a half it was put together, oil anything. Suddenly in front of me a mass and gasolene supplied and Vedrines of clouds. First thought to pass over could make a new start. Frey, the only aviator who tried to clouds, which seemed to have no end, and

PREVENTING AIRSHIPS



new kind of fencing which is being advertised as an easy means of preventing aviators from landing on fields. A length aviators from landing on fields. A length of fifty yards one yard high can be bought for \$5 and it is easily placed in any oren spot in such a way as to make the ground unsuitable as a place to land.

them. I try to ascend. I enter the

then I saw nothing at all bardly the end

of my wings. Suddenly there was a ter-

rible shock. I had without having seen

anything caught my wing in something

I had just time to cut the ignition before my fall Legan. It seemed to last a long,

long time. Overcome by pain I least

consciousness and woke to find myself

erations, &c. I am tired of it all and don't know what I would give to be fit to be promenading a few hundred varies above the soil. Then quick, off to Faris."

The Auto prints a protest against a

A new science like aviation is sure to



.. BEAUMONT ..





CROWD WITH UPTURNED FACES WATCHING THE FLIERS ...

to show that the excitement of the start | English. and the worry of getting ready have no small share ir causing casualties.

origin. Beaumont, the winner, is a adealer. He is an ardent canoist.

same in other aviation races, and it seems looked the fact that the King's wife is have to overcome are an excellent train- same machine that Leblanc used for the each aeroplane needs, has not been rec- and who met with a bad fall in trying what a hangar is and most people can

· · VIDART · ·

ing. By making them know their appa- eastern circuit. serious trouble.

fatal falls. The experience has been the invaded by the English. Vedrines over- aviators. The difficulties they meet and the Paris-Rome flight to Turin bring in a new language. Everybody knows

ognized. No work better suits the French to cross the Apennines, has written the discuss the gauchissement of planes. Gibert also was a mechanic. Renaux has gone through the typical stages of role as pilots. Each little difficulty over-The nine fliers who completed the an aviator. Beginning as a cyclist racer, come gives them more confidence in themcircuit are of different social rank and he became an automobile racer and later selves to face the next, perhaps more the aeroplane, a motor which while being motor is being tested and when the pilot the European circuit, in which I should machine, is already obsolete: nowadays light and small will be of great power has raised his arm to show that he is much rather have been taking part, he has been "making matches." The

## THE ORANGE

## Detective Cronkite Makes a Discovery and Judge Marcellus Shuts Off an Inquiry

the sickness of hope deferred the cousins gathered at the Lely country seat in a merry mood. Judge Josiah Marcellus, who was already there, conducting a sys- to me tematic search for the missing will, would look out for them; they had his word for that. And it was good of Philip Lely, even though his independent fortune did make him so cold and haughty, to invite them to stay until the inheritance was an aroma delicious, alluring.

"Whenever I see it I could just devour though there is, as you insist, a mysterious it," cried Kate. "Look at it, Ethel, and somebody or other who is bound to thwart enough that it was Kate, his young and pretty wife, who had persuaded him to so unusual an act of kindness. But at all events, here they were, and they might as well disport themselves as all others did

And so Robert and Ethel Lely and Peter and Maud Stead ate and drank and so cool and moist to romped and slept as if to the manner born, without a thought of the meagre livelihoods in the hot and dusty city which had seemed their inevitable and unvarying portion until a bachelor uncle of all of them. Ephraim Lely, the millionaire recluse, had suddenly died and unexpectedly remembered them.

There could be no doubt of the remembrance one way or the other. Judge Marcellus did not say much, but he said quite cellus did not say much, but he said quite marvel rolled toward Judge Marcellus. enough for this careless contentment. He must, first and at all hazards, find the will which he himself had drawn and which old Ephraim had signed and executed in his presence, for he knew Meanwhile it was right for the cousins to be together in the old house, especially as Philip, who had agreed to pay rent for it, was willing to stand all the expense of maintenance. And he would assure them this much at least. For each of them there would be something, whether the will was for the maintenance of the the will was found or the courts finally held that it had been destroyed. No the Lely house. Kate kept her rooms, clover and acted accordingly.

kept a keen eye and a master hand on the pass by purchase. table, and gradually her little dinners bethe talk to the subject of her string of identical. eplendid diamonds, Philip's latest and best birthday gift.

cutest case in the world. You just won't junder the statute of distributions." believe; well, you must see for yourselves.

For all their chronic impecuniosity and ing butler whom the Judge had kindly liver it over into his custody. sent down with the rest of the servants. "take this key. In that little steel compartment of my writing desk you will find what looks like an orange. Fetch it

Jobkins presently returned bringing a rare and perfect specimen of the golden ruit of the Hesperides on a silver salver. It was solid and shapely without undue bulk. It was fine of texture, with the russet shades of Indian River. It exhaled

it." cried Kate. "Look at it, then pass it along if you can. Ethel Lely made the close, deliberate examination which might be expected from her blond and faded personality, at once precise and languid

"There never was such an imitation," she declared. "The same fine soft fibre where it was broken from the stem and the touch. What

"It strikes me blind if it doesn't look

like one," retorted Peter Stead. But Maud Stead for all her petite and

The Judge adjusted his glasses, he held the fruit toward the light. On its surface was a tiny gash, from which the juice was cozing. He put it to his lips.

"It is an orange," he said quietly, and taking his knife he cut it apart and showed the two halves packed with glistening pulp by nature's practised hand.

Ended then were the merry days at wonder then that they felt they were in refusing to be comforted. Philip hurried to town to issue offers of rewards for the Kate Lely was an ideal hostess, suggest- lewless, with no questions asked, and ing enjoyable things and then never wernings for the trade that the gems had interfering with their enjoyment. She been stolen and no title to them could The cousins staved on, for bad as it

came hig events, so replate they were with, was there it was worse in town. But all sorts of novel delicacies for the body where there had been perhaps latent and the mind. For instance one evening, jealousies now there were open suspicions. when they had reached the luxurious case. Each couple talked and acted as if the when they had reache the fluid sease sease such couple telked and acted as if the fruits and coffee, with the smoke other couple were none too good to have for all the talk of how well they builded fifty years since. Here where staying refilled, she insensibly brought storings too between themselves were. staying refilled, she insensibly brought sonings too between themselves were "Of course," said Robert to Ethel.

"Pete realized that old Ephraim knew his "He is such a perticular dear," she said. record too well ever to leave him a pica-"As if a whole Golconda weren't enough, yune by will, while if the old chap did die he must needs enclose it in the oddest, intestate he would come in for his share

managed to lay her greedy little hands on

So too spoke Peter to Maud, and Maud to the big trunk stored in the corner. to Peter of Robert and Ethel. Meanwhile Judge Marcellus was not

self had suggested where it should be were the local Magistrate, Squire Strait, Jobkins," she added to the stolid look- placed when the testator refused to de- and Nubbins, a constable. He motioned Since you will have it so, Mr. Lely, why

not hide the will in one of the books least likely to be disturbed, that ancient 'De Lyra,' for instance, on the top row, far gotten files of old letters instead of with drier than the dust that covers it. There is no danger of any one wanting to read it, and no one is going to have the time, sallow and sour man. "Back so soon? or in my judgment to take the pains to You must have good news." search through 20,000 volumes, even your plans and dispositions."

"Oh, but you don't know," muttered old Ephraim, shaking his shaggy white head ominously. "If you did, if you did." but no matter; it's the best we can do, though far from good. 'De Lyra' let it

"It certainly feels like an orange to me." answered Robert Lely, "but perhaps I've been so long married that I have no feeling left. How does it strike you, peter?"

No wonder then that the Judge had been chagrined when on taking down the antique tome after the funeral no trace of the will could be found. No wonder Peter. butler the task of examining each of the 20,000 volumes, while he himself in the midst of accounts at the desk kept watching the search with growing impatience.

> "It must be in one of the books," the Judge argued. "Ephraim Lely was in such an agitated state of mind that he might well have forgotten the one we selected, or, more probably still, have selected some other book as safer. He did not go out of this room after I left; I have that straight and sure from old Ellen, the housekeeper. Here he ate. here he slept, here he died. It is a slow process, but sure."

The stolid butler dismounted the steps and came close to the Judge's side. "You forget, sir, my caution," he said.

"I follow the law." returned the Judge pettishly. "I disregard triffes. Who is there to listen? "Who is there to steal? And yet I am

convinced that the will and the diamonds both were stolen, yes, and by the same person. If I am right would not such a person be anxious to know what is going on in here? Would it not be of advantage to such a person to learn that Jobkins the butler, who it is already whispered may have stolen the diamonds himself. is acting as your confidential man? "Prove such a person first and I'll con-de all the rest," retorted the Judge ostinately. "My! What was that? Oh.

of plaster that had fallen on the Judge's papers from one of the ceiling bosses, he slipped neiselessly from the room. In another instant he was in the loft of the ry and a half extension of disuse. And yet, directly over the Judge's desk was a small orifice through which one crouching could see and hear; and on the dust of the boards were the

"Well, I should just like to see any one marks as of a woman's skirts. Jobkins Miffles, the housekeeper? I want their in your testimony, witness," he said was evidently listening to the sound from

"Triffes make the sum of human things," he mused. And he sprang with surprising agility

III.

the two into the little reception room. "So be it," the Judge had said dignifiedly. and then hurried impatiently to the

library wing. The Judge was still at his desk, but now alone. He was busy, but with half forthe more vital accounts.

"Ah, Philip," he said cheerily to the

"Good sense, rather!" snapped Philip Lely. "I soon came to the conclusion that instead of conducting a wild goose chase through the city and over the world there was work to be done here and now No one, as I have reason to believe, has left the village for a week. All the occupants of the house since I opened it are still here. Very well then, the truth lies hid among them, and my friend Strait has agreed to hold a preliminary investi-

gation to bring it out." "Sometimes the truth is the last thing that should be brought out in a family affair, Philip," cautioned the Judge. "Better go slow, I should say. I--"

Philip Lely laughed harshly "That is what you have been doing and a-plenty, Judge," he retorted; "and as a time you reach this precious conclusion short, black hair of a young man underof yours there won't be result, on top of the missing will my "Do I understand that you wish me

present at this investigation?" asked the Judge dignifiedly. "I wish every one present without ex-

ception, Judge. Strait is a hustler-no doubt he has got them all together by now While he will go right ahead, I'm sure he'll be glad to have the benefit of your advice if occasion arless. You know the adage. Young men for action; old men for counsel.

"That is to say. 'Young men to make olunders and old men to repair them." Very well, sir; I am ready to accompany vou.

The dining room presented a forensi scene. Squire Strait, alert and conse-quential, sat at the head of the table with quential, sat at the head of the table with notes and writing material before him. Roundabout in their usual places were the cousins, grave and apprehensive. In the window nook Kate Lely was dis-dainfully fanning herself. Along the wall, under the vigorous marshalling of Nubbins, the constable, stretched the line of the servants, with two empty spaces reserved at its head.

the chimney nook, where my Lady Dis-dain was slowly fanning herself. "What's this, Nubbins?" demanded the "What's this, Nubbins?" demanded the Squire with a sharp glance from his notes to the space beyond the servants "The

origin. Beaumont, the winner, is a new leutening who has received three years leave of absence to study aviation the naval point of view. Garros is aborn on the island of Réunion of French parents. He was a Paris automobile dealer. Vidart is a French parents. He was a Paris automobile dealer. Vidart is a French progress. He long voyages they have mobile dealer. Vidart is a French progress and whose parents left him a fortune. Kimmerling also is a man of means.

Vedrines was a mechanic. He has a dealer. He is an ardent canoist.

The cannot be dealer to the union of being used to the union gor was to make in the isant two years encromed in gor was to make in the isant two years encromed in the have made in the last two years encromed in gor was to make in the capable of being used to the union to favoure of the present we are from the ballooning world. Let go everything that the aviators have made great power. For the present we are for it cannot be denied that the aviators of its power. For the present we are in capable of being used to the union day and shouted the phrase borrowed for the ballooning world. Let go everything that the aviators are iteration. The motion of the was a maining prospector. We may also of a sudry aviation of the was a mining prospector. Renaux. Tabuteau and Vedrines are the only married men among the nine woyages, the long voyages they have made great progress and this progress is due to the voyages, the long voyages, the long voyages they have made great progress, and this progress, and this progress, and this progress, and this progress, and the progress is due to the voyages, the long voyages they have and voyages, the long voyages they have available to the work o

"Hain't seen hair or hide of either yet. treating
"Well, I'll lay the ground for their evi-

to be diverted from his search for the will.

Personal pride urged him on, for he himself had suggested where it should be were the local Mariatana South him on, for he himself had suggested where it should be were the local Mariatana South him up, my girl, and tell just what fruit there is in the house and when it was received. Whereupon Maria began to detail the various quantities of apples, reaches, lemons and pineapples in her charge "Oh," she added with the inevitable

which came last Tuesda' "The day before the theft of the dia-

these oranges been served up to that "No, nor yet, sir. They were locked up tight to ripen a bit

Are there any other keys to the storeroom besides the one you have?"
"Yes, sir. The butler has one and so has the housekeeper.

And did you take one of these oranges "No sir, not me, sir; but I did notice that the finest of the lot was gone from that the linest of the lot was gone from
the top where the finest generally is, sir."
"Step down; and do you, Jobkins, take
the stand," said the squire, as Nubbins
appeared with the imperturbable butler
by the arm. "Now, then, my man, where
is Ellen Miffles, the housekeeper?"

"He's locked in the old Saratoga trunk,
up in the garret of the library extension,
within which he hid himself," replied the

within which he hid himself,' " replied the butler.
"What do you mean by insulting the

intelligence of the court by such a change of sex?" I mean this. sir," replied Jobkins coolly. "I pulled it off when I lifted the lid a bit to make sure, and there was the

And he drew from his pocket a woman's gray wig and cap. IV.

There was a roar of incredulity and wonder, yielding almost instantly to interest

"Wait a moment," continued the butler. extending his hand impressively. "That I was well aware that the Judge was on the trail of a family secret of which the least said the better. I made no attempt

of the trunk. I went off about my busi- saw the

live in that trunk when tightly closed for five minutes. Suppose that this ill disposed person had managed to lock it?" "Keep order, Nubbins," shouted Squire

reserved at its head.

Judge Marcellus and Philip Lely took seats at the Magistrate's right. There were deferential greetings from the board and ducks and scrapes from the wall, but not a sign of recognition came from the control of the room. Come, Philip, we'll see what the room were the control of the room. if anything there is to this cock and bull

Presently the Squire returned alone to the breathless room and resumed his to the space beyond the servants "The toll isn't complete. Where is James place.

Jobkins, the butler? Where is Ellen "The toll isn't complete."

man in feminine disguise locked in that trunk. But before I continue your examination, if you choose to have me do so. I must warn you not to say anything to incriminate yourself. You already stand in serious jeopardy."

"Wait a moment, your Honor," interposed Judge Marcellus, rising. "I tried to dissuade Mr. Lely from having this man in feminine disguise locked in that your Honor, but I'll have 'em both in a trunk. But before I continue your exjiffy," answered Nubbins, hastily re- amination, if you choose to have me do

to dissuade Mr. Lely from having this visibly shaken.
inquisition held at present, not out of . "I should prefer," he said, "that this various quantities of apples, peaches, lemons and pineapples in her charge.

"Oh," she added with the inevitable importance of a postscript. "There's the private investigation I myself had barrel of Injun River oranges been conducting had reached a delicate in the conducting had reached a delicate been conducted been conducted by the delicate been conduc stage, where it seemed all publicity should cation. be avoided. However, he chose other-felse and cruel surn ise and gossip, so re-gion and publicity has already come to "I beg therefore for the sake of orderly

expedition that you allow me first to take the witness's place on the stand. and then after I have testified to conduct his examination myself. You will see "Hearing dismissed," said the squire. and then after I have testified to conduct so far from being a butler, justly under suspicion, he is my confidential agent Abe Cronkite, to whose observations and deductions I am mainly indebted for my conclusions." Whereupon the Judge took the stand

and told how old Ephraim Lely had lived and died in fear of some person whose name he would not divulge, of the precautions he had taken to safeguard his will and of how fruitless these had proved by reason of the espionage through the

peephole in the ceiling.

The Judge told too of how his own pro-tracted examination of accounts and papers had that very day disclosed the dentity of this unknown. He was a young man going by the name of Alfred ways flour is treated and how to Remsen, a social favorite in the city on things may be added to "improve" account of his skill as an ameteur actor. though known to be discipated and with-

out principle.

"If, as I have reason to believe," concluded the Judge, "Remsen had papers by which he could prove that he was the lawful son and heir of old Ephraim Lely, though separated from him by secrecies and scandals which it is no per of the secrecies.

hen to see or to hold the poor devil inside

saw the diamonds, stole them and substituted the orange for their case; and as a result of this crime and not of that there might be an ill disposed person who would not wish him to be at large. I was hurrying back when the constable restrained me and brought me here in spite of my protests.

"Of course, if my fears are sound it is now too late. A human being could not vinced too after I had corroborated this live it; that trunk when tightly closed for their case; and as a result of this crime and not of that tained something essential to which was not in the white flour trunk upstairs. I call Abe Cronkite."
"As soon as I saw the dab of grease paint such as is used for making up faces on the floor by the peephole," began the detective, "I was convinced that not only was the housekeeper the guilty person vinced too after I had corroborated this into the white bread and flour. Dr. I cluded that either the stendard file the which was not in the which was not in the which was not in the which something essential to which was not in the which show that different wheat detective, "I was convinced that not only was the housekeeper the guilty person vinced too after I had corroborated this into the cluder that either the stendard file.

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"As soon as I saw the dab of grease paint such as is used for making up faces on the floor by the peephole," began the detective, "I was convinced that not only which show that different wheat had the convergence of the cluded that either the stendard file.

"As soon as I saw the dab of grease paint such as is used for making up faces on the floor by the peephole," began the detective, "I was convinced that not only which show that different wheat had the previous crime he now lies dead in the cluder of the latter contained something the latter the stendard file.

The la helief by securing the wig that he would never risk prosecution for his double out one-tourch the resistance rime by laying claim to the estate.

"It was only when I had searched through the housekeeper's room and had although dealers considered the secured not only further proof of this lent."

through the housekeeper's room and had secured not only further proof of this disguise but also a letter in a feminine hand addressed to Alfred Remsen berating him for his ingratitude in steeling the diamonds and threatening him with death for this and other wrongs that I thought he might be in mortal peril and started back for the loft, only to fall into the hands of the worthy constable."

although dealers considered them existence in the low. It is quite probable, says the New Medical Journal, that breads which such markedly different effects upon infants and young children and perhaps upon adults, especially the lower animals are used to be resistent and adainable.

the hands of the worthy constable."
"Westhis letter signed?" asked the Judge. \*There is a certain amount of truth To all the intent eyes fixed upon him he in diet is well known.

away. At length when this sound had

Further investigation will only produce

that I not only have sent my door wife away, but as seen as I arrange for the division of the estate among the cousins and for annuities for our faithful servants I shall follow her abroad, never to return."

"I withdraw the question," said the Judge.

NEED OF A STANDARD BREAD

Shown by Pact That Some Animals Die if Fed on Certain kinds.

Dr. Leonard Hill, the English physiolsgist, has made recently an interesting contribution to the question of what the English are now calling "standard bread," the standard containing about 80 per cen of the total grain as against the 70 or 73 per cent, contained in the whiter bread now generally used. Although the discussion has thrown

much light upon the chemistry of flour and has served to show in how many ways flour is treated and how many has contributed but little to our knowldifferent flours.

Dr. Hill has been conducting experi-

ments on the nutritive value of of standard bread, using rats as sub. He says that his results have been ishing. Rats fed on white bread or did very badly. Many of them disc though separated from him by secrecies and scandals which it is no part of my duty to seek to bring to light, then his wild scheme to get hold of the will and destroy it, as he doubtless did, might have resulted in his succeeding to the entire estate through the statutes of descent and distribution.

"But he was in need of ready money, extravagant and avid In some way he saw the diamonds, stole them and substituted the orange for their case; and as it there is the white bread and flour. Dr. Hill constituted the orange for their case; and as

laboratory. Hunt states that upon the "white wheat bread" from one Washington bakery upon similar bread from another bakers although dealers considered them equive

supposed to be resistent and as regards food, whereas th